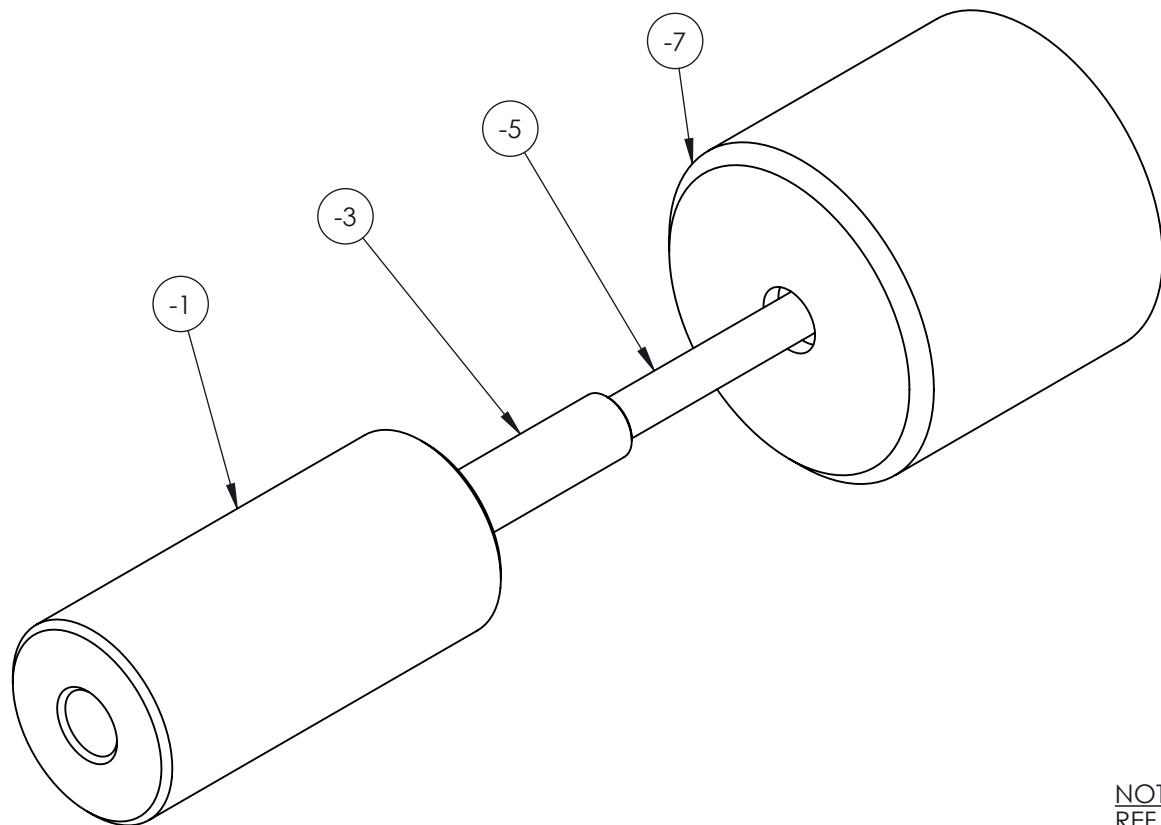


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| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



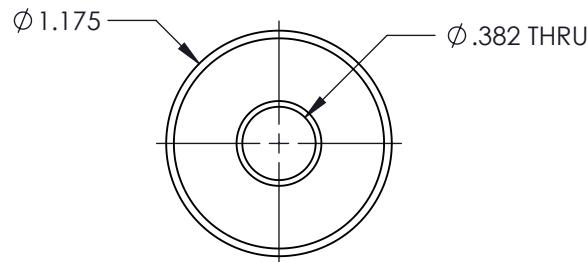
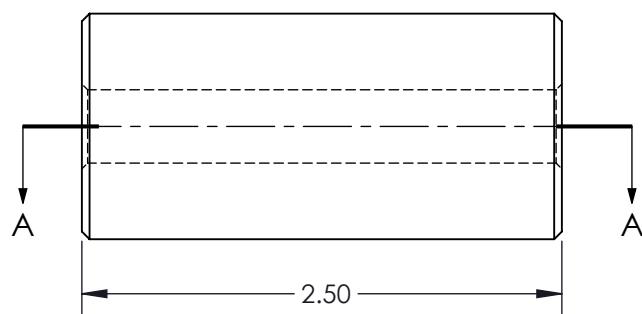
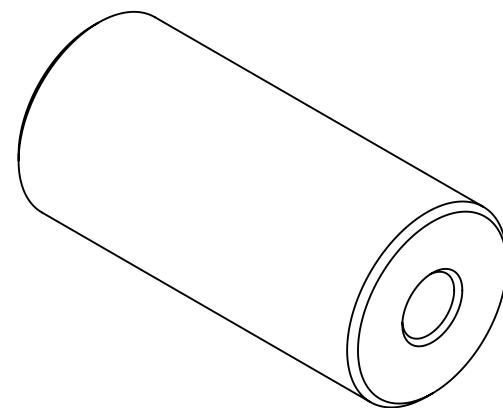
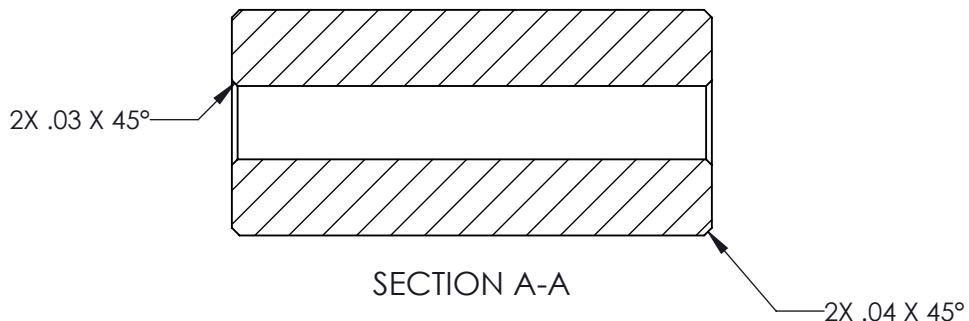
NOTE:
REF. AGUSTA T/N: 109-3130-23-1.

| | | | | |
|---------|--|--|------|---------------|
| | | RED BARN MACHINE | | |
| TITLE | | TOOL, T/R DRIVE SHAFT HANGER BUSHINGS INSTALLATION | | |
| DWG NO. | | RBW109-3130-23-1 | | REV |
| MAT'L | | DRAWN BY: CLOUGH | | |
| | | APPROVED <i>D Weil</i> | | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | |
| | | .XXX ± .005 FRACTIONS ± 1/32 | | |
| | | .XX ± .01 ANGLES ± 5° | | |
| | | .X ± .1 | | |
| | | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | |
| | | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | USED ON MODEL |
| | | | | AW109 |
| SCALE | | 1:1 | DATE | 2/26/2014 |
| | | | | SHEET 1 OF 5 |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|-------------------------|----------|-----------------------------------|-----|
| | | | -1 | 1 | PUSHER | 6061 | Ø1-1/4 X 2-5/8 | 2 |
| | | | -3 | 1 | BUSHING, SLEEVE | 4140 Q&T | Ø3/8 X 1-3/4 | 3 |
| | | | -5 | 1 | PIN, STRAIGHT, HEADLESS | 4140 Q&T | Ø1/4 X 4-5/8 | 4 |
| | | | -7 | 1 | BASE | 4140 Q&T | Ø2 X 1-7/8 | 5 |

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|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



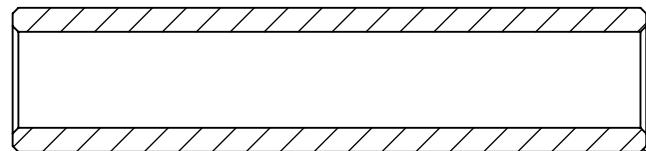
(-1)

PUSHER

| | |
|---|---|
| RED BARN MACHINE | |
| TITLE | TOOL, T/R DRIVE SHAFT HANGER BUSHINGS INSTALLATION |
| DWG NO. | RBW109-3130-23-1-1 |
| MAT'L | 6061 |
| DRAWN BY: | CLOUGH |
| APPROVED | <i>D Weil</i> |
| UNLESS OTHERWISE SPECIFIED | |
| DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 | FRACTIONS ± 1/32 |
| .XX ± .01 | ANGLES ± 5° |
| X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | SPEC MIL-A-8625F, TYPE II, CLASS I |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL |
| | AW109 |
| SCALE | 1:1 |
| DATE | 2/26/2014 |
| SHEET 2 OF 5 | |

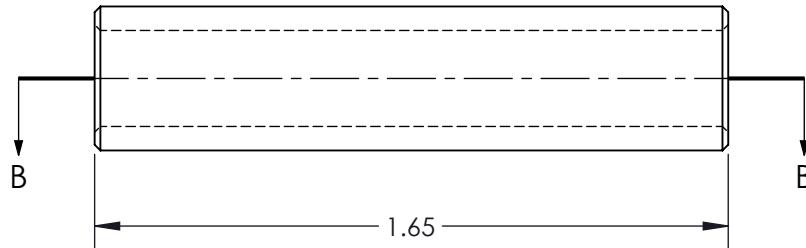
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| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



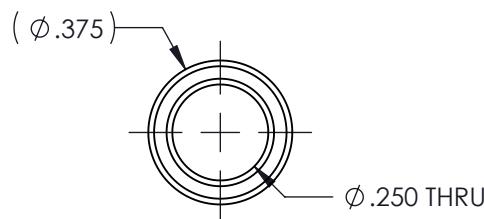
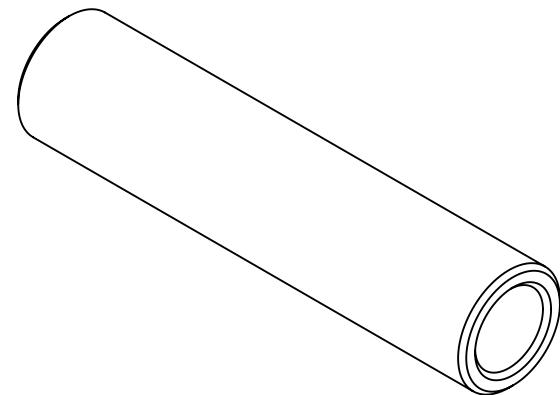
SECTION B-B

4X .02 X 45°



BUSHING, SLEEVE

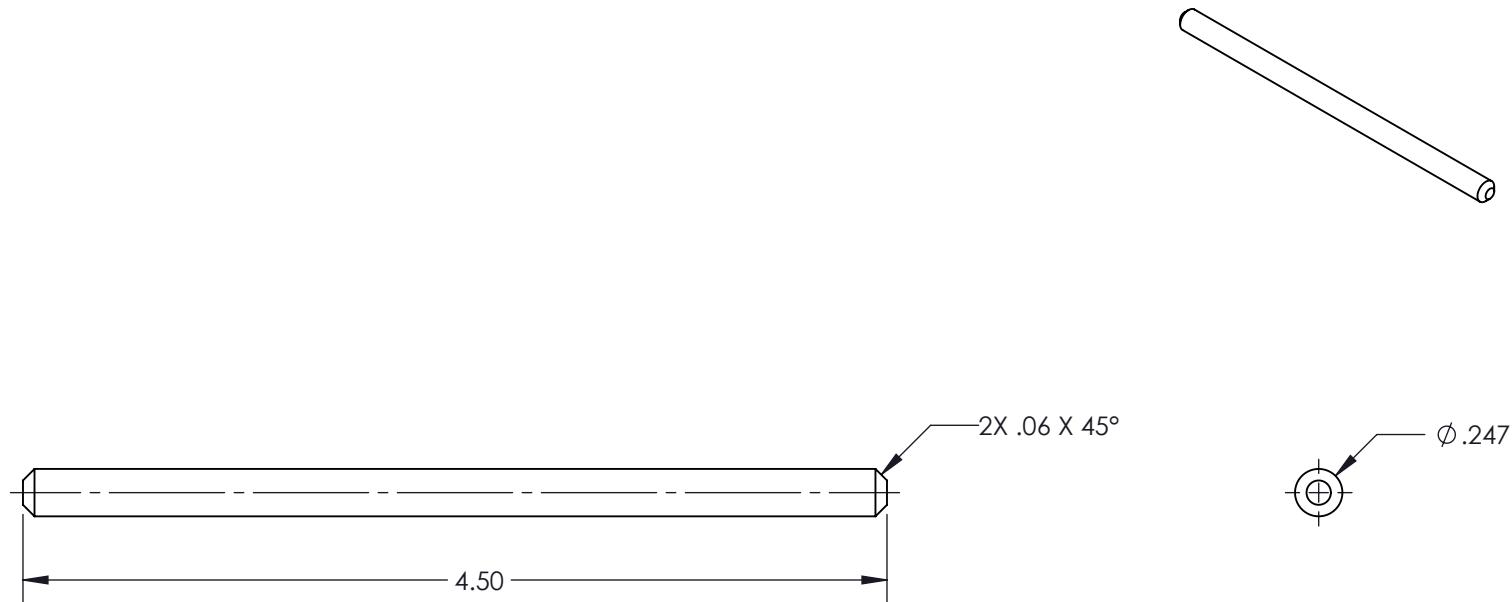
(-3)



| | |
|--|---|
|  RED BARN MACHINE | |
| TITLE | TOOL, T/R DRIVE SHAFT HANGER BUSHINGS INSTALLATION |
| DWG NO. | RBW109-3130-23-1-3 |
| MAT'L | 4140 Q&T |
| DRAWN BY: | CLOUGH |
| UNLESS OTHERWISE SPECIFIED | APPROVED |
| DIMENSIONS ARE IN INCHES | <i>D Weil</i> |
| .XXX ± .005 | FRACTIONS ± 1/32 |
| .XX ± .01 | ANGLES ± 5° |
| X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 X 45° OR .015R | HEAT TREAT FINISH |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | BLACK OXIDE |
| | SPEC |
| | USED ON MODEL |
| | AW109 |
| SCALE | 2:1 |
| DATE | 2/26/2014 |
| | SHEET 3 OF 5 |

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|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



(-5)

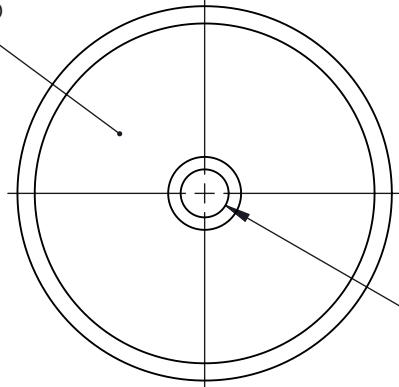
PIN, STRAIGHT, HEADLESS

| | |
|--|--|
|  RED BARN MACHINE | |
| TITLE | TOOL, T/R DRIVE SHAFT HANGER BUSHINGS INSTALLATION |
| DWG NO. | RBW109-3130-23-1-5 |
| MAT'L | 4140 Q&T |
| DRAWN BY: | CLOUGH |
| UNLESS OTHERWISE SPECIFIED | APPROVED <i>D Weil</i> |
| DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 | FRACTIONS ± 1/32 |
| .XX ± .01 | ANGLES ± 5° |
| .X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | HEAT TREAT FINISH CAD PLATE YELLOW |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL AW109 |
| SCALE 1:1 | DATE 2/26/2014 |
| | SHEET 4 OF 5 |

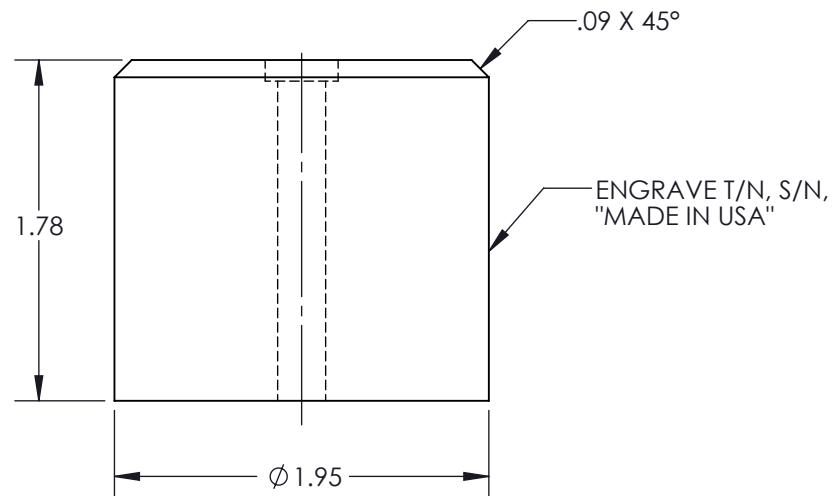
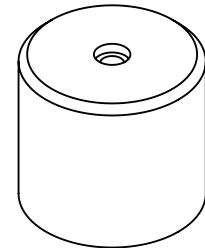
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| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |

ENGRAVE THIS END
"RBW109-0425-38-5"
ENGRAVE OPPOSITE END
"RBW109-0425-38-3"



ϕ .252 THRU ALL
.250
 \square ϕ .38 \downarrow .11



(-7)

BASE

| | | | |
|--|---|------------------|------------------------------|
| | | RED BARN MACHINE | |
| TITLE | TOOL, T/R DRIVE SHAFT HANGER BUSHINGS INSTALLATION | | |
| DWG NO. | RBW109-3130-23-1-7 | REV | |
| MAT'L | 4140 Q&T | DRAWN BY: | CLOUGH |
| | | APPROVED | <i>D Weil</i> |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | | |
| .XXX ± .005 | FRACTIONS ± 1/32 | HEAT | |
| .XX ± .01 | ANGLES ± 5° | TREAT | |
| .X ± .1 | | FINISH | CAD PLATE YELLOW |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | SPEC | QQ-P-416F, TYPE II, CLASS II |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | USED ON MODEL | |
| | | AW109 | |
| SCALE | 1:1 | DATE | 2/26/2014 |
| | | | SHEET 5 OF 5 |